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DUE 3-12-93
DATE 4-7-93

United States Government

Department of Energy

Memorandum

FEB 16 10 37 AM '93 Rocky Flats Office

ACTION *Benedetti*

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ZANE, J.O. ☐

Tracht ☒ ☒

Busby ☒ ☒

Taylor ☒ ☒

Adams ☒ ☒

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EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

FEB 12 1993

ERD:BT:01803

Standard Operating Procedures (SOPs)

Bob
Robert Benedetti, Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats, Inc.

Please find attached comments from EPA and CDH on the following draft Standard Operating Procedures (SOPs):

- 1) SOP GT.27, Rev. 0, Draft B Autonomous Operation of Global Positioning System
- 2) SOP GT.30, Rev. 0, Draft B In-Situ Characterization for Radionuclides
- 3) GT.22,D In-Situ Sampling with BAT System
- 4) GT.31, Rev. 0, draft B Field Use of Tensiometers

Regulator comments were not provided for the following SOPs:

- 1) GT.28, Rev. 0, Draft B, Differential Post Processing of Global Positioning Equipment
- 2) GT.29, Rev. 0, Draft B, Real-Time Differential Operation of Global Positioning Systems

We request that EG&G review EPA and CDH comments and make the appropriate changes to the above referenced SOPs. We further request that written responses to the comments be provided to DOE/RFO. The revised SOPs along with written responses to comments should be submitted by March 12, 1993, or sooner if the SOPs are planned to be used in the field prior to March 12, 1993.

In DOE/RFO memorandum ERD:BKT:6807 and ERD:BKT:9726 dated June 18, 1992, and September 2, 1992, respectively, SOPs for the following activities were requested from EG&G but not yet received:

- 1) Vertical soil profiles to support the HPGe surveys

CORRES CONTROL ☒ ☒
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Reviewed for Addressee
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- 2) Collection of surficial soil samples (see the compositing procedure detailed in Technical Memorandum No. 5 for OU 1)
- 3) Collection of surficial soil samples for radionuclide and nonradionuclide analyses beneath paved surfaces (EPA and CDH have indicated that grab samples without compositing will be adequate)
- 4) Soil cores from a depth of five feet used to verify soil gas surveys
- 5) Using colorimetric techniques to determine concentrations of inorganic parameters (e.g., Cr, NO₃) in water
- 6) Tank/Pipeline inspection
- 7) Tank/Pipeline testing
- 8) Tank/Pipeline residue sampling (including wipe samples for radionuclides)

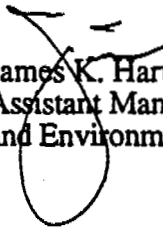
Since these SOPs were originally requested in our June 18, 1992, memorandum to EG&G, we request that these SOPs be delivered to DOE/RFO in draft form by March 12, 1993, or sooner if required for field work. These draft SOPs will need to be forwarded to the regulators and natural resource trustees for review and comment.

In addition to the above, we request that EG&G prepare SOPs for the following activities:

- 1) Collection of surficial soil samples for use in the ecological risk assessment (Neither the RFP Method nor the six-foot soil boring composite are adequate to characterize contaminants in the root zone for plants)
- 2) Collection of wipe samples and pavement samples for PCBs
- 3) Steam rinse sampling for characterizing nature and extent of contamination (e.g., OU 15)

We request that draft SOPs for these activities be provided to DOE/RFO by April 1, 1993, or sooner if field activities are initiated by this date.

Questions or concerns regarding this memorandum should be directed to Bruce Thatcher of my staff at extension 3532.


James K. Hartman
Assistant Manager for Transition
and Environmental Restoration

Attachments

FEB 12 1993

cc w/Attachments:

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